

REASONS FOR ALLOWANCE

1. The prior art, including the disclosure of Balmer (U.S. Patent No. 5,197,140), has not taught or render obvious the feature of registers accessible by each of the claimed processors, wherein the data from a first register of the registers is transferred to a second register of the registers when new data is written to the first register as claimed in claims 1 and 16 (in combination with all other features of the respective claim).
2. Claims 2-4, 6, 7, 9, 10, 12-15, and 31-33 depend from claim 1 and are considered allowable for at least the reasons given above for claim 1.
3. Claims 18-24 and 34-36 depend from claim 16 and are considered allowable for at least the reasons given above for claim 16.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

NOTICE OF CORRECTION

4. The reference "Computer Architecture: A Quantitative Approach" was not correctly cited in the Office action mailed 06/27/2005. The correct citation is shown on the attached PTO-892.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to BENJAMIN P. GEIB whose telephone number is (571)272-8628. The examiner can normally be reached on Mon-Fri 8:30am-5:00pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alford Kindred can be reached on (571) 272-4037. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Niketa I. Patel/
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